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PATENT
Attorney Docket No. 915-007.043

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: :

Sami VILHONEN et al. :

Serial No.: **10/650,367** :

Filed: **August 27, 2003** :

For: ***Calibrating a Loop-Filter of a PLL***

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants submit herewith references of which they are aware, which they believe may be material to the examination of this application and in respect of which they may have a duty to disclose in accordance with 37 CFR §1.56.

While this Information Disclosure Statement (IDS) may be "material" pursuant to 37 CFR §1.56(b), it is not intended to constitute an admission that any document referred to herein is "prior art" for this invention unless specifically designated as such.

I hereby certify that this correspondence is being deposited with the United States Postal Service on this date, **November 11, 2004**, in an envelope with sufficient postage as, "First Class Mail" addressed to the Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lissette Ramos

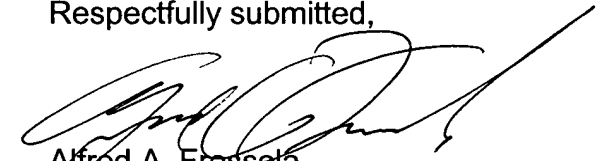
In accordance with 37 CFR §1.97(g), the filing of this IDS shall not be construed to mean that a search has been made or that no other material information as defined under 37 CFR §1.56(a) exists.

Enclosed is an International Search Report dated November 8, 2004 issued in International Patent Application No. PCT/IB2004/002609 filed on August 12, 2004, which international application is claiming priority to the present application. The relevance of each reference is specifically explained in either the Search Report or the application specification.

Also enclosed is Form PTO-1449 listing the cited references. Copies of the cited non-US references are enclosed herewith. A copy of the U.S. reference is not enclosed pursuant to the USPTO waiver of the requirement to submit U.S. patent references. The abstract of each reference provides a concise explanation thereof.

This IDS is being submitted within three months of the mailing date of the International Search Report; therefore, the undersigned respectfully submits that no fee is due for filing this IDS. The Commissioner is hereby authorized to charge to deposit account 23-0442 any fee deficiency required to submit this IDS.

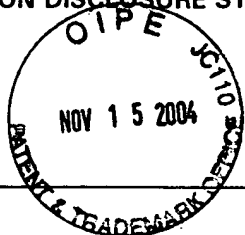
Respectfully submitted,



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FORM PTO-1449
INFORMATION DISCLOSURE STATEMENT


ATTY DOCKET NO.

915-007.043

SERIAL NO.

10/650,367

APPLICANT: S. VILHONEN et al.

FILING DATE:

August 27, 2003

ART UNIT:

2817

UNITED STATES PATENT DOCUMENTS

EXAM. INITIAL	DOCUMENT NUMBER	DATE	INVENTOR/ASSIGNEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,245,646	Sep. 14, 1993	<i>Jackson et al.</i>			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
EP 0910165	Apr. 21, 1999	Europe			
WO 02/073801	Sep. 19, 2002	PCT			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

1	W. Thommann et al., "Fully Integrated W-CDMA If Receiver and If Transmitter Including If Synthesizer and On-Chip VCO for UMTS Mobiles", IEEE Journal of Solid-State Circuits, IEEE Inc., New York, US, September 2001, pages 1407-1419
2	A.M. Durham et al., "Circuit Architectures for High Linearity Monolithic Continuous-Time Filtering", IEEE Transactions on Circuits and Systems II: Analog and Digital Signal Processing, IEEE Inc., New York, US, September 1, 1991; pages 651-657.
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Examiner (To be assigned)

Date: